

NEW MINERAL NAMES

Lapparentite

H. UNGEMACH. *Bull. Soc. Franc. Min.*, **58**, pp. 209-213, 1935.

NAME: In honor of Jacques de Lapparent, Director of the Institut des Sciences géologiques de Strasbourg, as well as his father, Albert de Lapparent.

CHEMICAL PROPERTIES: A hydrous sulfate of alumina. $\text{Al}_2\text{O}_3 \cdot 2\text{SO}_3 \cdot 10\text{H}_2\text{O}$. Analysis: Al_2O_3 20.91, Fe_2O_3 3.06, SO_3 35.81, H_2O 40.35. Sum 100.12. Very soluble in cold water. Alum taste.

CRYSTALLOGRAPHICAL PROPERTIES: Monoclinic, habit prismatic, sometimes almost acicular. $a:b:c=0.2919:1:0.2415$. $\beta=85^\circ 10'$. $b:m=73^\circ 47'$, $c:011=13^\circ 32'$. $c:p$ $38^\circ 46'$. $c:p$ $42^\circ 43'$.

PHYSICAL AND OPTICAL PROPERTIES: Colorless, limpid.

OCCURRENCE: Found in cavities in coquimbite mixed with chalcantite and associated with sulfur. Resembles gypsum.

W. F. F.

Paracoquimbite

Ibid., pp. 165-190.

NAME: A name given to a rhombohedral form of coquimbite. A comparison is given below.

	Coquimbite	Paracoquimbite
Sym	Hexagonal holohedry	Rhombohedral holohedry
c	1.5643	4.6928
Cleavage	10 $\bar{1}$ 1 imperfect 10 $\bar{1}$ 0 barely perceptible	01 $\bar{1}$ 2 and 10 $\bar{1}$ 4 imperfect
c	17.0 Å	51.1 Å
a	10.8 Å	10.9 Å
No. molecules in unit cell	4	12
G.	2.096	2.109-2.117
Analysis	Al_2O_3 tr. Fe_2O_3 28.94 SO_3 42.37 H_2O 28.48	Al_2O_3 tr. Fe_2O_3 29.79 SO_3 41.38 H_2O 28.69
H_2O at 105	46.8%	44.88%

W. F. F.

Roy Jed Colony, associate professor of geology at Columbia University, died on March 26 at the age of sixty-six years.

Dr. A. E. Alexander, mineralogist at the Buffalo Museum of Science, has been appointed petrographer in the ceramic laboratory of the Electric Auto-Lite Company, of Toledo, Ohio.

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